

10682087\_CLS.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10682087 on June 13, 2006

Original Classifications

3 370/238  
3 370/252  
3 370/337  
3 714/748  
2 370/349  
2 379/229  
2 379/56.2

Cross-Reference Classifications

9 370/338  
5 370/347  
4 370/349  
3 370/337  
2 340/825.02  
2 370/221  
2 370/235  
2 370/252  
2 370/256  
2 370/342  
2 370/389  
2 370/408  
2 379/221.04  
2 398/115  
2 398/118  
2 398/126  
2 455/522  
2 714/704

Combined Classifications

10 370/338  
6 370/337  
6 370/349  
5 370/252  
5 370/347  
3 340/825.02  
3 370/221  
3 370/238  
3 370/408  
3 714/748  
2 370/235  
2 370/254  
2 370/256  
2 370/331  
2 370/342  
2 370/351  
2 370/389  
2 370/442  
2 379/221.04  
2 379/229  
2 379/56.2  
2 398/115  
2 398/118  
2 398/126  
2 455/446  
2 455/522  
2 709/237  
2 714/704

10682087\_CLSTITLES.txt

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10682087 on June 13, 2006

- 10 370/338 (1 OR, 9 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/338 ..Contiguous regions interconnected by a local  
area network
- 6 370/337 (3 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/336 ...Combining or distributing information via  
time channels  
370/337 ....Multiple access (e.g., TDMA)
- 6 370/349 (2 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via time  
channels  
370/349 ..Using messages having an address field as  
header
- 5 370/252 (3 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)  
370/252 .Determination of communication parameters
- 5 370/347 (0 OR, 5 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via time  
channels  
370/347 ..Multiple access (e.g., TDMA)
- 3 340/825.02 (1 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/825.02 .Tree or cascade
- 3 370/221 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/216 FAULT RECOVERY  
370/221 .Bypass an inoperative station
- 3 370/238 (3 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL  
370/235 .Flow control of data transmission through a  
network  
370/238 ..Least cost or minimum delay routing
- 3 370/408 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING

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370/389 .Switching a message which includes an address header

370/400 ..Having a plurality of nodes performing distributed switching

370/408 ...Nodes interconnected in hierarchy to form a tree

3 714/748 (3 OR, 0 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING

714/746 .Digital data error correction

714/748 ..Request for retransmission

2 370/235 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL

370/235 .Flow control of data transmission through a network

2 370/254 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/254 NETWORK CONFIGURATION DETERMINATION

2 370/256 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/254 NETWORK CONFIGURATION DETERMINATION

370/255 .Using a particular learning algorithm or technique

370/256 ..Spanning tree

2 370/331 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions served by respective fixed stations

370/329 ..Channel assignment

370/331 ...Hand-off control

2 370/342 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/342 .Combining or distributing information via code word channels using multiple access techniques (e.g., CDMA)

2 370/351 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

2 370/389 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

2 370/442 (1 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/442 .Combining or distributing information via time channels using multiple access technique (e.g., TDMA)

- 2 379/221.04 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
  - 379/220.01 .With interexchange network routing
  - 379/221.01 ..Alternate routing
  - 379/221.03 ...Failure (e.g., disaster, overload, blockage)
  - 379/221.04 ....Restoration (e.g., backup, recovery)
- 2 379/229 (2 OR, 0 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
  - 379/229 .Interexchange signalling
- 2 379/56.2 (2 OR, 0 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/56.1 HAVING LIGHT WAVE OR ULTRASONIC LINK FOR SPEECH  
OR PAGING SIGNAL
  - 379/56.2 .Including fiber optic link within telephone  
network
- 2 398/115 (0 OR, 2 XR)
  - Class 398 : OPTICAL COMMUNICATIONS
  - 398/115 HYBRID COMMUNICATION SYSTEM (E.G., OPTICAL AND  
RF)
- 2 398/118 (0 OR, 2 XR)
  - Class 398 : OPTICAL COMMUNICATIONS
  - 398/118 OPTICAL COMMUNICATION OVER FREE SPACE
- 2 398/126 (0 OR, 2 XR)
  - Class 398 : OPTICAL COMMUNICATIONS
  - 398/118 OPTICAL COMMUNICATION OVER FREE SPACE
  - 398/126 .Specific repeater
- 2 455/446 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/446 ..Including cell planning or layout
- 2 455/522 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/500 .Plural transmitters or receivers (i.e., more  
than two stations)
  - 455/507 ..Central station (e.g., master, etc.)
  - 455/517 ...To or from mobile station
  - 455/522 ....Transmission power control technique
- 2 709/237 (1 OR, 1 XR)
  - Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING
  - 709/230 COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING
  - 709/237 .Computer-to-computer handshaking
- 2 714/704 (0 OR, 2 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/704 .Error count or rate

PLUS Search Results for S/N 10682087, Searched June 13, 2006

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